

PATENT
Docket No. 5634.358

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: John C. Harvey and James W.
Cuddihy

Serial No.: 08/479,215

Filing Date: June 7, 1995

For: Signal Processing Apparatus and
Methods

Group Art Unit: 2602

Examiner:

Assistant Commissioner of Patents
Washington D.C. 20231

65 P 3-6 P 4: 52
GROUP 260

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>
08/113,329	August 30, 1993	Pending
08/056,501	May 3, 1993	5,335,277
07/849,226	March 10, 1992	5,233,654
07/588,126	September 25, 1990	5,109,414
07/096,096	September 11, 1987	4,965,825

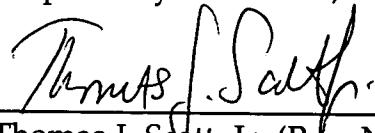
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

Applicants believe that all references cited on the attached PTO 1449 form were cited by or submitted to the PTO in one or more of the case cited above or in U.S. Patent Application Serial No. 06/829,531, filed February 15, 1986 now U.S. Patent No. 4,704,725, U.S. Patent Application Serial No. 06/317,510, filed November 3, 1981 now U.S. Patent No. 4,694,490 and co-pending U.S. Patent Application Serial No. 08/448,143, filed May 23, 1995. Therefore, no copies of the listed references are provided herewith. Additionally, references believed to be dated in the period from November 3, 1981 through September 11, 1987 are included in the present IDS as this application only claims priority to the September 11, 1987 filing date. It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R. § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office action on the merits, no certification or fee is required.

Respectfully submitted,



Thomas J. Scott, Jr. (Reg. No. 27,836)

Dated: December 5, 1995

HOWREY & SIMON
1299 Pennsylvania Avenue, N.W.
Washington, D.C. 20004-2402
(202) 783-0800 (telephone)
(202) 383-6610 (telecopier)

Sheet 1 of 34

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	2,510,046	5/30/50	Ellett, et al.	178/5.6	
	2,619,530	11/25/52	Roschke	178/5.1	
	2,892,882	6/30/59	Hughes	178/5.1	
	2,972,008	2/14/61	Ridenour, et al.	178/5.1	
	3,304,416	2/14/67	Wolf	235/92	
	3,336,437	8/15/67	Brouard, et al.	178/5.4	
	3,478,164	11/11/69	Southworth	178/6.6	
	3,576,391	4/27/71	Houghton	178/5.6	
	3,683,111	8/8/72	Southworth	178/6	
	3,726,992	4/10/73	Eguchi, et al.	178/5.6	
	3,728,480	4/17/73	Baer	178/6.8	
	3,743,767	7/3/73	Bitzer, et al.	178/5.6	
	3,875,329	4/1/75	Nagel	178/6.8	
	3,927,250	12/16/75	Rainger	178/5.6	
	3,950,607	4/13/76	Southworth, et al.	178/6	

Examiner	Date Considered
----------	-----------------

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 34

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	3,961,137	6/1/76	Hutt, et al.	178/68	
	3,982,064	9/21/76	Barnaby	348/467	
	4,057,829	11/8/77	Moorehead	358/86	
	4,104,681	8/1/78	Saylor, et al.	358/141	
	4,148,066	4/3/79	Saylor	358/127	
	4,175,267	11/20/79	Tachi	358/4	
	4,199,656	4/22/80	Saylor	178/66.1	
	4,290,062	9/15/81	Marti, et al.	340/721	
	4,303,940	12/1/81	Ciciora	358/142	
	4,303,941	12/1/81	Marti, et al.	358/147	
	4,333,109	6/1/82	Ciciora	358/147	
	4,335,402	6/15/82	Holmes	358/147	
	4,347,618	8/31/82	Kavouras, et al.	375/37	
	4,352,011	9/28/82	Guillou	235/375	
	4,367,488	1/4/83	Leventer, et al.	358/147	

Examiner	Date Considered
----------	-----------------

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 3 of 34

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,388,639	6/14/83	Cox, et al.	358/27	
	4,393,376	7/12/83	Thomas	340/717	
	4,393,404	7/12/83	Cox, et al.	358/147	
	4,400,717	8/23/83	Southworth, et al.	358/13	
	4,439,761	3/27/84	Fleming, et al.	345/189	
	4,449,145	5/15/84	Ciciora	358/147	
	4,458,268	7/3/84	Ciciora	358/120	
	4,520,392	5/28/85	Cox et al.	358/147	
	4,734,907	3/29/88	Turner	370/60	9/6/85

*- If pertinent

***- Claims priority from parent application filed prior to Sep. 11, 1987.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation Yes	Translation No
	WO 85/03604	8/15/85	PCT Application	H03K 3/84		X
	0 132 007	1/23/85	European Patent Office	H04N 7/16		X
	2 033 699	5/21/80	Great Britain	H04L 1/10, 1/40		X
	2 058 681	6/15/72	Germany	H04N 7/08	X	
	2 141 897	5/9/84	Great Britain	H04N 7/16		X

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Powell, C., "Prestel: The Opportunity For Advertising," <u>Viewdata & Videotext, 1980-81 A Worldwide Report/Transcript of Viewdata '80 First World Conference On Viewdata, Videotex, and Teletext</u> , March 26-28, 1980, pp. 233-246.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 5 of 34

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Reuters, "TRANSMISSION PROTOCOL FOR REUTERS NEWS-VIEW," Aug. 1978, 2 pages.
	Bright, R., "The Telematique Programme in France," <u>Viewdata & Videotext, 1980-81 A Worldwide Report/Transcript of Viewdata '80 First World Conference On Viewdata, Videotex, and Teletext</u> , March 26-28, 1980, pp. 19-24.
	Barlund, O., et al., "TELSET, the Finnish Viewdata System," <u>Viewdata & Videotext, 1980-81 A Worldwide Report/Transcript of Viewdata '80 First World Conference On Viewdata, Videotex, and Teletext</u> , March 26-28, 1980, pp. 139-148.
	Hutt, P., "ORACLE-A Fourth Dimension in Broadcasting," <u>IBM Technical Review</u> , September 1976/9 Digital Television Developments, pp. 3-9.
	Hutt, P., "A System of Data Transmission in the Field Blanking Period of the Television Signal," <u>IBA Technical Review</u> , June 1973, Digital Television, pp. 37-44.
	Allora-Abbondi, G., "Transmission System Evaluation for Two-Way Cable," <u>IEEE Transactions on Cable Television</u> , Vol. CATV-4, No. 3, July 1979, pp. 111-118.
	Chorafas, D., "Interactive Videotex - The Domesticated Computer," 1981, pp. 171-183 & preface.
	Baer, R., "Innovative Add-On TV Products," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-25, November 1979, pp. 765-771.
	Henderson, Jr., D., et al., "Issues in Message Technology," Proceedings, Fifth Data Communications Symposium, September 27-29, 1977, pp. 6-1 - 6-9.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Schmodel, S., "TV Systems Enabling Viewers to Call Up Printed Data Catch Eye of Media Firms," newspaper article, <u>The Wall Street Journal</u> , Tuesday, July 24, 1979, p. 46.
	Braden, R., "A Server Host System on the ARPANET," Proceedings, Fifth Data Communications Symposium, September 27-29, 1977, p. 4-1 - 4-9.
	Proceedings, Fifth Data Communications Symposium, September 27-29, 1977, Table of Contents.
	Greenberg, B., et al., "VIMACS - A Vertical Interval Machine Control System," pp. 146-152.
	Dynamic Technology Limited, Vimacs, Machine Control and Data Transmission Systems, product description, 6 pages.
	Online Conference On Videotex, Viewdata, and Teletext, Conference Transcription, Table of Contents, 1980.
	Viewdata 81, the second World Conference on viewdata, videotex and teletext, Table of Contents for written papers presented at the Conference, October, 1981.
	Anderson, T., "The Vertical Interval: A General-Purpose Transmission Path," <u>IEEE Transactions On Broadcasting</u> , Vol. BC-17, No. 3, September 1971, pp. 77-82.
	"LSI circuits for teletext and viewdata, THE LUCY GENERATION," Mullard, Technical Publication M81-0001, June 1981.
	Hedger, J., et al., "Telesoftware - Value Added Teletext," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 555-566.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 7 of 34

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Hedger, J., "Telesoftware: Using Teletext to Support a Home Computer," September 1978, pp. 273-276.
	Zenith, "VIRTEXT SYSTEM, VI.6, Hardware and Software Reference Manual," Zenith Radio Corporation, April 1981.
	Hedger, J., "Broadcast Telesoftware: Experience with ORACLE," 1980, pp. 413-429.
	Aston, M.H., "Viewdata-Implications for Education," 1980, pp. 467-476.
	de Weger, M., "VIRDATA DECODER V-2," circuit diagram, Jul. 1, 1981, 1 page.
	"VIRTEXT," circuit diagram, 1980, 1 page.
	"UK TELETEXT AND VIDEOTEX - The world's first established electronic information services available to the public," ORACLE - Ceefax, 12 pages.
	Lucas, K., "The Numerical Basis for ORACLE Transmission," <u>IBA Technical Review</u> , Vol. 9, September 1976, Digital Television Developments, pp. 10-16.
	Green, N., et al, "ORACLE on Independent Television," <u>IBA Technical Review</u> , Vol. 9, September 1976, Digital Television Developments, pp. 18-31.
	Green, N.W., "Computer Aided Programme Presentation," <u>IBA Technical Review</u> , Vol. 1, September 1972, pp. 55-64.
	Chambers, J. P., "Enhanced UK Teletext Moves Towards Still Pictures," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 527-534.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Crowther, G.O., "Dynamically Redefinable Character Sets - D.R.C.S.," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, November 1980, pp. 707-716.
	Kaplinsky, C. H., "The D ² B a One Logical Wire Bus for Consumer Applications," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, February 1981, pp. 102-109.
	Vivian, R. H., et al., "Telesoftware Makes Broadcast Teletext Interactive," pp. 277-280.
	Numaguchi, Y., et al., "Experimental Studies of Transmission Bit-Rate for Teletext Signal in the 525-Lane Television System," <u>IEEE Transactions on Broadcasting</u> , Vol. BC-25, December 1979, pp. 137-142.
	Arnold, W. F., "Britons Mull 'Magazine' Via TV," <u>Electronics</u> , February 5, 1976, pp. 68-69.
	"Telesoftware," <u>Systems International</u> , June 1980, p. 43.
	Baldwin, J. L. E., et al., "A Standards Converter Using Digital Techniques," <u>IBA Technical Review</u> , Vol. 3, June 1973, Digital Television, pp. 15-35.
	Hawker, P., "An Introduction to Integrated Circuits and Digital Electronics," <u>IBA Technical Review</u> , Vol. 3, June 1973, Digital Television, pp. 5-13.
	Baldwin, J. L. E., "The Digital Future of Television Studio Centres," <u>IBA Technical Review</u> , Vol. 3, June 1973, Digital Television, pp. 45-51.
	Bown, H. G., et al., "Comparative Terminal Realizations with Alpha-Geometric Coding," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 605-614.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
Filing Date June 7, 1995		Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Hanas, O. J., et al., "An Addressable Satellite Encryption System for Preventing Signal Piracy," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, November 1981, pp. 631-635.
	Breeze, E. G., "Television Line 21 Encoded Information and Its Impact on Receiver Design," August 20, 1972, pp. 234-237.
	Lentz, J., et al., "Television Captioning for the Deaf Signal and Display Specifications," Report No.: E-7709-C, PBS Engineering and Technical Operations, May 1980.
	"Pulses on a Television Signal Control Stations in Network," <u>Electronics</u> , February 6, 1967, pp. 101-102.
	"Demonstration of the Principle of Data Transmission in the Vertical Interval of the Television Video Waveform," October 22, 1968, 4 pages.
	King, P. T., "A Novel TV Add-On Data Communication System," 5 pages.
	Pierce, W. D., et al., "A Low Cost Terminal for the 1980's: Project Green Thumb," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 487-495.
	"CBS/CCETT North American Broadcast Teletext Specification," (Extended Antiope), May 20, 1981.
	Baer, W. S., "Interactive Television: Prospects for Two-Way Services on Cable," Rand Corporation, November 1971, pp. 1-88.
	Noirel, Y., et al., "Architecture of the French LSI Set for Antiope Teletext Decoders," pp. 134-144.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Beakhurst, D. J., et al., "Teletext and Viewdata - A Comprehensive Component Solution," <u>Proceedings</u> , IEEE, Vol. 126, December 1979, pp. 1374-1396.
	Money, S. A., et al., "Teletext Decoder Update - Part 1," <u>Television</u> , June 1979, pp. 407-409.
	Money, S. A., et al., "Teletext Decoder Update - Part 2," <u>Television</u> , June 1979, pp. 479-481.
	Money, S.A., et al., "Teletext Decoder Update - Part 3," <u>Television</u> , August 1979, pp. 538-541.
	Peters, H., "Teletext the Philips Way," <u>Television</u> , April 1980, pp. 298-301.
	Crowther, G. O., "Teletext and Viewdata Systems and Their Possible Extension to the USA," <u>Proceedings</u> , IEE, Vol. 126, No. 12, December 1979, pp. 1417-1424.
	Shortland, D., "Teletext with Infra-Red Remote Control," <u>Practical Electronics</u> , August 1980, pp. 39-44.
	Mokhoff, N., "Consumer Electronics," <u>Technology '80</u> , pp. 64-68.
	Government of Canada, Department of Communications, "Broadcast Specification: Television Broadcast Videotex," June 19, 1981.
	Insam, E., et al., "An Integrated Teletext and Viewdata Receiver," <u>The SERT Journal</u> , Vol. 11, October 1977, pp. 210-213.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Thomas, H. B., et al., "Methods of Designing and Evaluating Videotex," <u>Online: A Transcript of the Online Conference on Videotex</u> . Videodata and Teletext, 1980, pp. 203-216.
	Wright, J. B., et al., "An Evolutionary Approach to the Development of Two-Way Cable Technology Communication," <u>IEEE Transactions on Cable Television</u> , Vol. CATV-2, No. 1, January 1977, pp. 52-61.
	Fedida, S., et al., "Viewdata - The Post Office's Textual Information and Communications System," <u>Wireless World</u> , February 1977, pp. 32-35.
	Fedida, S., et al., <u>Videodata Revolution</u> . Halsted Press, New York, 1979, pp. 1-31 and 170-183.
	Clarke, K. E., "The Application of Picture Coding Techniques to Viewdata," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, Aguust 1980, pp. 568-577.
	Blatt, J. et al., "The Promise of Teletext for Hearing Impaired Audiences," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, November 1980, pp. 717-722.
	Rupp, C. R., "A Stand-Alone CAI System Based on Procedural Grammars," <u>EASCON '76 Record</u> , September 1976, pp. 1153-A through 1153-Z.
	Vezza, A., et al., "An Electronic Message System: Where Does It Fit?," <u>Trends and Applications 1976: Computer Networks</u> , November 17, 1976, pp. 89-97.
	Myer, T. H., et al., "Message Technology in the Arpanet," <u>NTC '77</u> , 21: 2-1 through 2-8.
	Kuo, F. F., "Message Services in Computer Networks," <u>Interlinking of Computer Networks</u> , Reidel Publishing Co., 1978, pp. 387-395.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Hagan, R., "Interworking Between Different Text Communication Services and Between Different Text Communication Networks," <u>NTC 1980 - Conference Record</u> , November 1980, pp. 28.5.1-28.5.6.
	Rinde, J., "Packet Network Access in Electronic Mail System," <u>NTC 1980 - Conference Record</u> , November 1980, pp. 60.4.1-60.4.4.
	Wendlinger, F., et al., "Systems for Corporate Text Communication," <u>NTC 1980 - Conference Record</u> , November 1980, pp. 65.5.1-65.5.4.
	Naffah, N., "Communication Protocols for Integrated Office Systems," <u>Computer Networks</u> , Vol. 5, No. 6, 1981, pp. 445-454.
	Treves, S.R., et al., "Text, Image, and Data Integration In a Distributed Control Digital Voice Switching System," <u>ISS '81</u> , September 1981.
	Wiest, G., et al., "An Integrated Service Broadband Network for Voice, Text, Data and Video," <u>ISS '81</u> , September 1981.
	Dickson, E.M. et al., <u>The Video Telephone</u> , Praeger Publishers, 1973, pp. v. and 9-78.
	Rayner, B., "The Application of Switcher-Intelligent Interfaces to Video Tape Editing," <u>SMPTE Journal</u> , Vol. 88, October 1979, pp. 715-717.
	Everton, J.K., "A Hierarchical Basis for Encryption Key Management in a Computer Communications Network," <u>Conference Record - 1978 International Conference on Communications</u> , Vol. 3, pp. 46.4.1 through 46.4.7.
	Davies, D.W., et al., <u>Computer Networks and Their Protocols</u> , John Wiley & Sons, 1979, pp. v-xiii and 390-417.

Examiner	Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Popek, G.J., et al., "Encryption and Secure Computer Networks, <u>Computing Surveys</u> , Vol. 11, No. 4, December 1979, pp. 331-356.
	Everton, J.K., "Adaptation of the Basic Hierarchy for Encryption Key Management to Serve Applications with Conflicting Requirements," <u>Proceedings</u> , Computer Networking Symposium, December 1979, pp. 186-191.
	Nelson, J., "Implementations of Encryption in an 'Open Systems' Architecture," <u>Proceedings</u> , Computer Networking Symposium, December 1979, pp. 198-205.
	Lyons, R.E., "A Total AUTODIN System Architecture," <u>IEEE Transactions on Communications</u> , Vol. Com-28, No. 9, September 1980, pp. 1467-1471.
	Powers, S., et al., "Memo: An Application of Secret Key Cryptography and Public Key Distribution," <u>CompSac '80</u> , October 1980, pp. 821-827.
	Allgaier, G.R., et al., "Navy Command and Control (c ²) Using Local Networks," <u>NTC 1980 - CONFERENCE RECORD</u> , November 1980, Vol. 1, pp. 41.3.1 through 41.3.5.
	Kowalchuk, J., et al., "Communications Privacy: Integration of Public and Secret Key Cryptography." <u>NTC 1980 - CONFERENCE RECORD</u> , November 1980, pp. 49.1.1 through 49.1.5.
	Denning, D.E., et al., "Timestamps In Key Distribution Protocols," <u>Communications of the ACM</u> , Vol. 24, No. 8, August 1981, pp. 533-536.
	Chambers, J.P., et al., "The Development of a Coding Hierarchy for Enhanced UK Teltext." <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, No. 3, August 1981, pp. 536-540.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Takizawa, M., et al., "Resource Integration and Data Sharing on Heterogeneous Resource Sharing System," <u>Evolutions In Computer Communications</u> , 1978, pp. 253-258.
	Smith, R.G., et al., "Considerations for Microprocessor-based Terminal Design," <u>Conference Record - 12th Asilomar Conference on Circuits, Systems and Computers</u> , November 1978, pp. 437-441.
	Mowafi, O.A., et al., "Integrated Voice/Data Packet Switching Techniques for Future Military Networks," <u>Proceedings. Computer Networking Symposium</u> , 1979, pp. 216-223.
	Day, J.D., "Terminal Protocols," <u>IEEE Transactions on Communications</u> , Vol. COM-28, No. 4, April 1980, pp. 585-593.
	Rosen, E.C., "The Updating Protocol of ARPANET's New Routing Algorithm," <u>Computer Networks</u> , Vol. 4, 1980, pp. 11-19.
	Hasuike, K., et al., "Text and Facsimile Integrated Terminal," <u>NTC 1980-Conference Record</u> , 1980, p. 60.5.1 through 60.5.5.
	Cerf, V.G., et al., "An Experimental Service for Adaptable Data Reconfiguration," <u>IEEE Transactions on Communications</u> , Vol. COM-20, No. 3, June 1972, pp. 557-564.
	Croll, R.H., et al., "A Distributed Data Acquisition and Processing System for Multiple Aerospace Test Facilities," <u>Proceedings of the 26th Int'l Instrumentation Symposium</u> , May 1980, pp. 287-295.
	Tsay, D.P., et al., "Design of a Robust Network Front-End for the Distributed Double-Loop Computer Network," <u>Distributed Data Acquisition, Computing, and Control Symposium</u> , December 1980, pp. 141-155.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 15 of 34

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Glorieux, A.M., et al., "Distributing a Line System into a Distributed Data Base Management System: Sirius-Delta Experience," <u>Proceedings - Computer Networking Symposium</u> , December 1980, pp. 19-25.
	Chambers, J.P., "Potential of Extended Teletext," <u>Television: Journal of the Royal Television Society</u> , September/October 1980, pp. 43-45.
	Chambers, J.P., "Teletext - The Potential of an Extended System," pp. 114-117.
	Pandey, K., "Advanced Teletext Systems," pp. 262-265.
	Hartung, R.L., et al., "Virtual I/O - An Experiment," <u>Sigmicro Newsletter</u> , Vol. 10, No. 4, December 1979, pp. 109-113.
	Daniels, J.F., "Wireless World Teletext Decoder," <u>Wireless World</u> , December 1975, pp. 563-566.
	"Microprocessor Smartens Teletext," <u>Electronics</u> , September 28, 1978, pp. 74.
	Sowter, B., "Vision of the Future," <u>International Broadcast Engineer</u> , December 1977/January 1978, pp. 13-19.
	VIMACS - Machine Control and Data Transmission System, Advertisement, 3 pages.
	O'Connor, R.A., "Current Usage of Vertical Interval Test Signals in Television Broadcasting," <u>IEEE Transactions on Consumer Electronics</u> , August 1976, pp. 220-229.
	Solomon, B., "New World of T.V. Reception," <u>Popular Electronics</u> , May 1979.
	Setos, A., "WASEC'S Network Operations Center," <u>Cable: '81</u> , May 1981, pp. 52-54.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
Filing Date June 7, 1995		Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Beakley, G.W., et al., "Cable and Earth Stations - A Business Connection," <u>Cable: '81</u> , May 1981, pp. 108-113.
	"Petition for Rulemaking of United Kingdom Teletext Industry Group," Before the Federal Communications Commission, March 26, 1981, 139 pages.
	Conte, J.J., et al., "A NOAA/National Weather Service Teletext Type Weather Experiment," November 1979.
	Vivian, R.H., "Level 4 Enhanced UK Teletext Transmits Graphics Through Efficient Alpha-Geometric Coding," <u>IBA</u> , pp. 1-6.
	Bugg, R.E.F., "Microprocessor Peripheral for Viewdata," <u>Electronic Components & Applications</u> , Vol. 3, No. 2, February 1981, pp. 2-11.
	Chambers, J.P., "Enhanced UK Teletext Moves Towards Still Pictures," BBC Research Report-BBC RD 1980/4, June 1980, pp. 1-28.
	VG Electronics - Short Form Catalogue, 4 pages.
	<u>Multitext - Technical Information 050</u> , Signetics, pp. 3-51.
	<u>Presentation Level Protocol - Videotex Standard</u> , Bell System, May 1981, pp. 1-105.
	Crozier-Cole, P.A., "Regional Operations Centres-The next Generation," pp. 7-9.
	Crozier-Cole, P.A., "Regional Operations Centres for the IBA UK Transmitter Network," pp. 197-204.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Lloyd, H.F., et al., "A Television-Network Switching Equipment to 625-Line Colour Standards." pp. 199-201
	Griffiths, E., "Eurovision's Technical Facilities," pp. 215-220.
	Parker, F.G., "The Impact of Digital Techniques on Studio Equipment," pp. 267-272.
	"Family Functional Specification," Norpak Limited, August 7, 1981, 14 pages.
	"Software Specification for Monitoring the Use of Teletext," Norpak Limited, November 1980, 4 pages.
	Wegner, R., "The 1980's - A New Era for the Data Display System," pp. 62-64.
	"Vidata - 2105/Interface," 9 pages.
	"Vidata - 352/BNC Connectors," Wegener Communications, Inc., 8 pages.
	Taylor, E.L., "Teletext v. Videotext: Pros and Cons and What's Really Going On," For TVC Magazine, 6 pages.
	Service Bulletin, To All CableText Customers with Zenith Virtext Decoders, November 14, 1980, 8 pages.
	Thomas, W., "Zenith Videotex/Teletext Review," 3 pages.
	Sullivan, W., "Cabletext: Into Second Year and Developing," Satellite Communications Corp., 4 pages.
	Vidata Interface Cable (Vidata 2105).

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Gallagher, E.F., "Digital Time Division Switching for Military Communications," <u>IEEE Transactions on Communications</u> , Vol. COM-27, No. 7, July 1979, pp. 1138-1143.
	Roth, M., "Security Alert a Two-Way Digital Communications System," <u>Official Transcript - 20th Annual NCTA Convention</u> , July 1971, pp. 500-506.
	Zenith Text Products, Advertisement, 4 pages.
	Gardner, T., "Viewers Given Equal Time to Talk Back to TV Sets," August 1977.
	Campbell, S., "Step Ahead of Future TV Market," <u>The Register</u> , October 26, 1978.
	Bown, H.G., et al., "Picture Description Instructions PDI for the Telidon Videotex System," Department of Communications, Canada, November 1979, pp. 1-71.
	"An Example of Aggressive Subcarrier Loading," Table, United Video Inc.
	Livaditis, E., et al., "Optimizing Subcarriers for Satellite Transmission," <u>National Cable Television's 30th Annual Convention and Exposition</u> , May 1981, 6 pages.
	Gunn, H., et al., "A Public Broadcaster's View of Teletext in the United States."
	Fraser, J., "From 'Pots' to 'Pans' - Videotex Development in Canada," <u>OnLine Conference on Viewdata Services</u> , March 1980, pp. 1-10.
	Parkhill, D.F., "An Overview of the Canadian Scene," <u>Viewdata '80</u> , March 1980, pp. 1-12.
	Maguire, W.T., "Videotex and the Newspaper Business," American Newspaper Publishers Association.

Examiner	Date Considered
----------	-----------------

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
Filing Date June 7, 1995		Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Wilson, L.G., "Vista: Leading to the Successful Implementation of Videotex in Canada," <u>OnLine Conference On Viewdata Services</u> , March 1980.
	Guillermi, J., "Development & Applications of the Antiope-Didon Technology," <u>Viewdata '80</u> , March 1980, pp. 29-38.
	Haines, A.R., "TVS-3 as a Private Viewdata System," <u>Viewdata '80</u> , March 1980, pp. 323-336.
	Haslam, G., "Information Provider Activities in Canada," <u>Viewdata '80</u> , March 1980, pp. 1-6.
	Heys, E.A., et al., "STC's Approach to In-House Viewdata Systems, <u>Viewdata '80</u> , March 1980, pp. 313-322.
	Inoue, R., "The Index System of the CAPTAIN System Experimental Service," <u>Viewdata '80</u> , March 1980, pp. 113-122.
	Kumamoto, T., et al., "CAPTAIN System Features - Presentation Capability and Transmission Method," <u>Viewdata '80</u> , March 1980, pp. 93-105.
	Kurushima, N., "The Cooperative Association of CAPTAIN Information Providers and Present State of Information Supply for the Experimental Service," <u>Viewdata '80</u> , March 1980, pp. 123-132.
	Marti, B., "Broadcast Text Information in France," <u>Viewdata '80</u> , March 1980, pp. 359-370.
	Maury, J.P., "Plans and Projection for the Electronic Directory Service," <u>Viewdata '80</u> , March 1980, pp. 39-50.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Messerschmid, U., "Teletext in the Federal Republic of Germany," <u>Viewdata '80</u> , March 1980, pp. 431-445.
	Montague, P.M., "The Electronic Newspaper," <u>Viewdata '80</u> , March 1980, pp. 63-71.
	Morgan, G., "Britains Teletext Services are a Commercial Success," <u>Viewdata '80</u> , March 1980, pp. 341-357.
	Park, R.F., "The Role of Viewdata in Electronic Funds Transfer," <u>Viewdata '80</u> , March 1980, pp. 185-201.
	Ruiten, P.J.G.M., "Viewdata in the Netherlands," <u>Viewdata '80</u> , March 1980, pp. 133-138.
	Sedman, E.C., "The Use of MicroCobol for Telesoftware," <u>Viewdata '80</u> , March 1980, pp. 399-411.
	Shrimpton, W., "International Business Applications of Viewdata," <u>Viewdata '80</u> , March 1980, pp. 147-158.
	Smirle, J.C., et al., "International Videotex Standardization: A Canadian View of Progress Towards the Wired World," <u>Viewdata '80</u> , March 1980, pp. 271-280.
	Smith, M.G., "Prestel - The Private System or Both?," <u>Viewdata '80</u> , March 1980, pp. 337-339.
	Tantawi, A.N., et al., "Workstations in the Electronic Office," <u>Viewdata '80</u> , March 1980, pp. 159-171.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Termens, M., "Teletel - The Planned French Videotex Service," <u>Viewdata '80</u> , March 1980, pp. 25-28.
	Troughton, P., "Prestel Operational Strategy," <u>Viewdata '80</u> , March 1980, pp. 51-62.
	Watson, K., "Prestel User Market Research," <u>Viewdata '80</u> , March 1980, pp. 281-284.
	Winsbury, R., "Prestel as a publishing medium: the elements of success or failure," <u>Viewdata '80</u> , March 1980, pp. 285-293.
	Woolfe, R., "The emerging markets for videotex," <u>Viewdata '80</u> , March 1980, pp. 217-231.
	Yasuda, K., "Conception of CAPTAIN System - Background, Experiment and Future Plans," <u>Viewdata '80</u> , March 1980, pp. 107-111.
	Zimmerman, R., "Future Utilization of Interactive and Broadcast Videotex in Germany and its Effects on Standardization," <u>Viewdata '80</u> , March 1980, pp. 263-269.
	Adams, D.M., "The Place of Viewdata in Relation to Other Communications Techniques in the Travel Industry: A Personal View," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 379-397.
	Barren, J., "Electronic Publishing and the Government," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 295-300.
	Berkman, S., "A Videotex Trial," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 447-460.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Bochmann, G.V., et al., "Towards Videotex Standards," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 253-262.
	Botten, B., "Providing Business Information to Prestel," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 73-81.
	Bown, H.G., et al., "Telidon Technology Development in Canada," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 547-558.
	Ciciora, W.S., "The Role of the Television Receiver Manufacturer in the United States," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980 pp. 533-546.
	Bowers, P.G., et al., "Telidon and Education in Canada," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 7-17.
	Camrass, R., "Viewdata: A Practical Medium for Electronic Mail," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 173-184.
	Castell, S., "Prestel and the Law," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 301-312.
	Clarke, K.E., "What Kind of Pictures for Videotex?," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 83-92.
	Courtney, J.F., "Videotel," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 371-377.
	Davis, M., "Prestel and the Travel Industry," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 595-602.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Korda, A., "Private Viewdata Systems," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 515-521.
	Maslin, J.M., "An evaluation of viewdata for training in industry," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 523-531.
	Morioka, F.K., "An Experiment with Computer-Based Educational Services in a General Public Environment," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 613-623.
	Ciciora, W.S., "Twenty-Four Rows of Videotex in 525 Scan Lines," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, No. 4, November 1981, pp. 575-587.
	Ciciora, W.S., "Virtext & Virdata - A Present U.S. Teletext Application," <u>Videotex '81</u> , May 1981, pp. 77-84.
	Johnson, G.A., et al., "The Networking of Oracle," pp. 27-36.
	Mullard Application Laboratory, "Integrated Circuits for Receivers," pp. 43-56.
	Lambourne, A.D., "NEWFOR - An Advanced Subtitle Preparation System," pp. 57-63.
	<u>Keyfax - National Teletext Magazine</u> , Advertisement, 4 pages.
	<u>Keyfax - National Teletext Magazine</u> , Technical Bulletin, 1 page.
	<u>Keyfax</u> , Keyfax by Satellite, Advertisement, 2 pages.
	ORACLE, Advertisement Rate Card No. 1, September 1, 1981, 8 pages.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Multi-Level Teletext and Interactive Videotex," Operational Systems Worldwide, Information Sheets.
	"Brighton's Experience with Educational Software for Broadcast," 10 pages.
	CCITT, "Recommendation S.100 - International Information Exchange for Interactive Videotex," Geneva, 1980, pp. 165-205.
	KSL-TV-Salt Lake City, Utah, Press Release About Teletext Signal, pp. 1-7d.
	CBS/CCETT, "North America Broadcast Teletext Specification," June 22, 1981, pp. 1-240.
	Crudele, J., "TI Tests Home Information System," <u>Electronic News</u> , November 6, 1978, pp. 24-25.
	"Systems -NABTS-NAPLPS," VSA - Videographic, Advertisement, 5 pages.
	"Now," World System Teletext, Advertisement, 6 pages.
	"Context" A Complete Teletext Origination System Developed By Logica and the BBC, Advertisement," 8 pages.
	Dages, C.L., "Videotex Services via CATV - Hybrid Systems Approach," pp. 14-25.
	Rogers, B.J., "The Broadcasting Options for Data Transmission Methods in Public Service Broadcasting," pp. 1-3.
	Williams, D., "Oak, Micro TV in Talks for Teletext," <u>Electronic News</u> , Nov. 13, 1978, pp. 25 & 88.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"U.S. TV Station to Write Viewdata Software Link," newspaper article, Jan. 22, 1979, p. 81.
	Barbetta, F., "CBS Joins EIA in Test of Foreign TV Data System," newspaper article, 1979, p. 23.
	Hershberger, S., "Form Mktg. Unit for Antiope System," newspaper article, Apr. 2, 1979, p. 27.
	Hershberger, S., "Say French in Talks on Teletext," newspaper article, May 14, 1979, p. 48.
	Kinghorn, J.R., "New Features in World System Teletext," <u>IEEE Transactions on Consumer Electronics</u> , 8/1984, Vol. CE-30, No. 3, pp. 437-440.
	"Audio Service Packages May Shed Stepchild Status," <u>CableAge</u> , 11/16/81, pp. 17, 18 & 23.
	Technical Publications Department, Mullard Limited, "525 Line NTSC Teletext Decoder Module," <u>Advanced Development Sample Information</u> , 1/1983, 8 pages.
	Crowther, G.O., "Subscription T.V., A Concept For A Multi Satellite, Multi Programme Source Environment," 4/27/87, 2 pages.
	Sillman, David, "Television Captioning for the Deaf," <u>IEEE Transactions on Consumer Electronics</u> , 5/1984, Vol. CE-30, No. 2, pp. 62-65.
	Institution of Electronic and Radio Engineers, "Programme and Registration Form, International Conference on 'Telesoftware,' Cavendish Conference Centre, London: 27th and 28th September 1984," 4 pages.

Examiner	Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
Filing Date June 7, 1995		Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Kruesi, William R., et al., "Residential Control Considerations," <u>IEEE Transactions on Consumer Electronics</u> , 11/1982, Vol. CE-28 No. 4, pp. 563-570.
	McKenzie, G.A., "Teletext - The First Ten Years," <u>Developments in Teletext, Independent Broadcasting Authority</u> , 5/1983, pp. 4-10.
	Vivian, R.H., "Level 4 — Teletext Graphics using Alpha-geometric Coding," <u>Developments in Teletext, Independent Broadcasting Authority</u> , 5/1983, pp. 21-26.
	Johnson, G.A., et al., "The Networking of ORACLE," <u>Developments in Teletext, Independent Broadcasting Authority</u> , 5/1983, pp. 27-36.
	Staff at the Mullard Application Laboratory, "Integrated Circuits for Receivers," <u>Developments in Teletext, Independent Broadcasting Authority</u> , 5/1983, pp. 43-56.
	Lambourne, A.D., "NEWFOR — An Advanced Subtitle Preparation System," <u>Developments in Teletext, Independent Broadcasting Authority</u> , 5/1983, pp. 57-63.
	Harris, Dr. Thomas G., et al., "Development of the MILNET," <u>Conference Record, Eascon 82</u> , 1982, pp. 77-80.
	Veith, Richard H., "Teletext (Broadcast Videotex) Begins in the United States," <u>National ONLINE Meeting Proceedings - 1982</u> , pp. 547-551.
	Beville, Hugh M. Jr., "The Audience Potential of the New Technologies: 1985-1990," <u>Journal of Advertising Research</u> , April/May 1985, pp. RC-3 - RC-10.
	"Draft, North American Broadcast Teletext Specification (NABTS)," <u>EIA/CVCC</u> , 9/20/83, 85 pages.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Yamamoto, Toshiaki, et al., "An Experimental System of FM Data-Broadcasting," <u>NHK Laboratories Note</u> , 12/1983, serial no. 293, 12 pages.
	Numaguchi, Y., et al., "A Teletext System for Ideographs," <u>NHK Laboratories Note</u> , 2/1982, serial no. 271, 14 pages.
	International Telecommunications Union, "Recommendations and Reports of the CCIR, 1982," <u>XVth Plenary Assembly</u> Geneva, 1982, 393 pages.
	Murata, M., et al., "A Proposal for Standardization of Home Bus System for Home Automation," <u>IEEE Transactions on Consumer Electronics</u> , 11/83, Vol. CE-29, No. 4, pp. 524-529.
	Yamamoto, Kazuyuki, et al., "A Home Terminal System Using the Home Area Information Network, <u>IEEE Transactions on Consumer Electronics</u> , 11/83 Vol. CE-30, No. 4, pp. 608-616.
	Broadcast Teletext Telesoftware Specification, 4/1983, 31 pages.
	Lukaart, A., "Dutch Telesoftware Standard," <u>Netherlands PTT</u> , 9/1984, 24 pages.
	Rayers, D.J., "The UK Teletext Standard for Telesoftware Transmission," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 1-8.
	Kinghorn, J.R., "Receiving Telesoftware with CCT," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 9-14.
	Sharpless, G.T., "Telesoftware: Adding Intelligence to Video," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 15-19.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Blineau, J., et al., "How to Execute Telesoftware within the Terminals," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 21-24.
	Brown, L., "Telesoftware: Experiences of Providing a Broadcast Service," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 25-28.
	White, M., "Educational Telesoftware," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 29-33.
	Yeates, N.J., "Monitoring and Evaluation of the Telesoftware and Primary Education Project," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 35-37.
	Stanton, G.W., "Implementation of Teletext on Cable Television System in the United States," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 39-43.
	Dowsett, C., "Telesoftware in the Development of Wideband Cable Systems and Services," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 45-48.
	Pim, D.N., "Telesoftware via Full Channel Teletext," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 49-54.
	Havelock, T.J., "Games Telesoftware on Cable," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 55-58.
	Shain, M., "Microcomputer Publishing," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 59-69.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Sweet, A., "The Development of a Commercial Telesoftware Service," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 71-74.
	Maurer, H., et al., "Teleprograms - The Right Approach to Videotex . . . If You Do It Right," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 75-76.
	Harris, A., "A European Standard Protocol for Videotext TeleSoftware," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 79-82.
	Griffith, Michael, "Text Services on Wideband Cable Networks," 9/11/86, 12 pages.
	Pim, D.N., "The World System Teletext Specification," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 9/16&17/86, Publication No. 69, pp. 3-8.
	Dowsett, C., "Code of Practice for Second Generation Teletext," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 9-26.
	Foster, R.A.L., et al., "The European Videotext Standard," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 27-32.
	Brown, Lawson, J., "BBC Telesoftware - 3 Years On," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 35-38.
	Harris, Anthony, "A European Standard for Videotex Processable Data," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 39-42.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
Filing Date June 7, 1995		Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Waters, A.G., "The Use of Broadcast and Multicast Techniques on Computer Networks," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 45-50.
	Conway, Paul A., "'Acotuda' An adaptive Technique for Optimum Channel Useage in Data Broadcasting," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 51-56.
	Robinson, C.J., "Interactive Video Cable," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 59-66.
	Boyd, R.T., "Interactive Service Development on the BT Switched-Star Network," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 67-73.
	Mason, A., "The Principles of the Over-Air Addressed Pay-Per-View Encryption System for Direct Broadcasting by Satellite and for Teletext," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 77-85.
	Stow, R.G., et al., "Privacy and Security in Broadcast Teletext Systems," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 87-91.
	Chambers, J.P., "BBC Datacast - The Transmission System," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 93-98.
	Bradshaw, D.J., et al., "BBC Datacast - Conditional Access Operation," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 99-105.
	Brown, Lawson, J., "BBC Datacast - Implementing A Data Service," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 107-110.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
Filing Date June 7, 1995		Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Givertz, M.J., "Practical Implementation of an Information Provision Service Using Teletext," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 111-116.
	Tarrant, D.R, "Data Link Using Page-Format Teletext Transmission," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 119-125.
	Hinson, C.R., "A 'Full Level One+' World System Teletext Decoder," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 127-132.
	Kinghorn, J.R., et al., "Packet and Page Format Data Reception Using a Multistandard Acquisition Circuit," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 133-140.
	Gill, B., "A New Teletext Data Acquisition Circuit in CMOS, The MV1812," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 141-145.
	Martin, James, <u>Viewdata and the Information Society</u> , Prentice Hall, 1982, pp. 293+.
	Alber, Antone F., <u>Videotex/Teletext</u> , McGraw-Hill, 1985 pp. 495+.
	Veith, Richard H., <u>Television's Teletext</u> , North-Holland, 1983, pp. 180+.
	<u>Joint EIA/CVCC Recommended Practice for Teletext: North American Basic Teletext Specification (NABTS)</u> , IS-14, CVCC-TS100, 3/1984, pp. 76+.
	<u>Videotex/Teletext Presentation Level Protocol Syntax</u> , North American PLPS, ANSI X3.110-1983, CSA T500-1983, ANSI & CSA, 12/1983, pp. 105+.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 32 of 34

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Fletcher, Carol, "Videotext: Return Engagement," <u>IEEE Spectrum</u> , 10/85, pp. 34-38.
	Bortz, Paul I., et al., <u>Great Expectations: A Television Manager's Guide to the Future</u> , National Association of Broadcasters, 4/86, pp. 101-103, 133-136.
	Raag, Helmo, "International Electronic Mail," <u>NTC Record-1981, National Telecommunications Conference</u> , 11/29/81 - 12/3/81, pp. A9.1.1 - A9.1.5.
	Hagen, Rolf, "Teletex, A New Text Communication Service and Its Impact on Network Modules," <u>NTC Record-1981, National Telecommunications Conference</u> , 11/29/81 - 12/3/81, pp. F5.3.1 - F5.3.5.
	Holmes, Edith, "Electronic Mail Debuts," <u>ASIS Bulletin</u> , 12/81, pp. 40-42.
	Bertsekas, Dimitri P., "Distributed Dynamic Programming," <u>Proceedings of the 20th IEEE Conference on Decision & Control</u> , 12/16/81, Vol. 1, pp. 774-779.
	Herman, James C., "Application of Fiber Optics in CATV Distribution Systems," <u>Technical Papers, NCTA 31st Annual Convention & Exposition</u> , 5/3-5/82, pp. 148-152.
	"SAT-Guide Tests Electronic Program Guide Unit at Facilities," <u>SAT Guide</u> , 5/1982, pp. 50-52.
	Ciciora, Walter S., "Pixels and Bits - How Videotex Works," <u>The World Videotex Report</u> , 1984, pp. 17-33.
	Ciciora, Walter S., "Cable Videotex in the United States," <u>The World Videotex Report</u> , 1984, pp. 559-573.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Zenith Teletex Technology: A Backgrounder," Zenith Radio Corporation, Summer 1983, 6 pages.
	"KEYCOM, SSS Boards Approve Joint Venture for KEYFAX National Teletex Magazine," KEYCOM News Release, 8/20/82, 3 pages.
	"KEYCOM Completes Successful Nite-Owl Experiment," KEYCOM News Release, 9/5/82, 3 pages.
	"SSS, KEYCOM Formally Launch KEYFAX National Teletext Magazine," SSS Press Release, 11/17/82, 2 pages.
	"1983 Worldwide Census of Videotex and Cabletext Activities," CSP International, 9/1983, pp. 24+.
	"Diode Array Connection," Virdata 2.1, 1982, 7 pages.
	Gits, V., "Surprise a-Tac," <u>Cablevision</u> , Vol. 10, No. 5, October 1984, pp. 30-33.
	Rosenthal, E.M., "Keyfax: first nationally but only the beginning," <u>Cable Age</u> , January 31, 1982, 3 pages.
	Mapp, L., et al., <u>Telesoftware & Education Project - Final Report</u> , BBC/ITV and Brighton Polytechnic, July 1982, pp. 1-111.
	Roussel, A.D., et al., <u>T400 Teletext Terminal Operators Manual</u> , Logica, October 1985.
	<u>Guide To Context - The Logica Teletext Origination System</u> , TV Systems Division - Logica Limited, July 1983.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Methods	
Filing Date June 7, 1995		Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Hobbs, R., <u>The Guide To Teletext</u> , Logica, January 1986.
	LSM General Characteristics, June 1982, 11 pages.
	"Vidata Teletext and Vertical Interval Data Products," Product Summary, Wegener Communications, April 20, 1983.
	Roizen, J., "New Technologies Make Headlines At Videotex '82," <u>The International Journal of Broadcast Technology</u> , August 1982, 3 pages.
	Weiss, M., et al., "How Teletext Can Deliver More Service and Profits," <u>The International Journal of Broadcast Technology</u> , August 1982, 4 pages.
	Zenith Radio Corporation, News Release, "Teletext: The Newest Window To The Future As Science Fiction Becomes Reality," June 23, 1983.
	Roberts, C., "Will Cable Television Revolutionize Campaigns?," <u>The Register</u> , February 21, 1982.
	Yanagimachi, Akio, "An Experimental Second-Generation Japanese Teletext System," <u>NHK Laboratories Note</u> , 10/1983, serial no. 291.
	Mothersole, P.L., "Equipment for Network Distribution," <u>Developments in Teletext, Independent Broadcasting Authority</u> , 5/1983, pp. 37 - 42.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	2,875,270	2/24/59	Wendt et al.	178/5.1	
	3,440,427	4/22/69	Kammer	250/210	
	3,485,946	12/23/69	Jackson et al.	178/6	
	3,500,327	3/10/70	Belcher et al.	340/154	
	3,560,936	2/2/71	Busch	340/172.5	
	3,564,509	2/16/71	Perkins et al.	340/172.5	
	3,696,297	10/3/72	Otero	325/55	
	3,712,956	1/23/73	Lemelson	178/6.6A	
	3,836,888	9/17/74	Boenke et al.	340/172.5	
	3,848,082	11/12/74	Summers	178/5.6	
	3,889,054	6/10/75	Nagel et al.	178/6.8	
	3,936,868	2/3/76	Thorpe	358/22	
	3,982,065	9/21/76	Barnaby et al.	178/5.8	
	3,984,637	10/5/76	Caudill et al.	179/2	
	3,996,583	12/7/76	Hutt et al.	340/324	
	4,016,361	4/5/77	Pandey	358/83	
	4,026,555	5/31/77	Kirschner et al.	273/85	

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,032,972	6/28/77	Saylor	358/142	
	4,042,958	8/16/77	Saylor et al.	358/141	
	4,052,719	10/4/77	Hutt et al.	340/324	
	4,055,848	10/25/77	Fearnside	358/8	
	4,064,490	12/20/77	Nagel	364/200	
	4,074,315	2/14/78	Kawamura et al.	358/142	
	4,096,524	6/20/78	Scott	358/85	
	4,099,258	7/4/78	Parsons	364/900	
	4,120,003	10/10/78	Mitchell et al.	358/142	
	4,134,127	1/9/79	Campioni	358/16	
	4,135,213	1/16/79	Wintfeld et al.	358/142	
	4,139,860	2/13/79	Micic et al.	358/22	
	4,161,728	7/17/79	Insam	340/750	
	4,162,513	7/24/79	Beyers, Jr. et al.	358/191	
	4,178,613	12/11/79	Takahashi et al.	358/183	
	4,203,130	5/13/80	Doumit et al.	358/1	
	4,228,543	10/14/80	Jackson	455/181	
	4,231,031	10/28/80	Crowther et al.	340/695	

Examiner	Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Method	

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,233,628	11/11/80	Ciciora	358/147	
	4,243,984	1/6/81	Ackley et al.	340/703	
	4,245,252	1/13/81	Nagumo	358/213	
	4,249,211	2/3/81	Baba et al.	358/183	
	4,261,006	4/7/81	Weintraub et al.	358/3	
	4,270,145	5/26/81	Farina	358/188	
	4,278,973	7/14/81	Hughes et al.	340/721	
	4,278,993	7/14/81	Suzuki	358/22	
	4,308,558	12/29/81	Hernandez et al.	358/142	
	4,315,282	2/9/82	Schumacher	358/107	
	4,337,485	6/29/82	Chambers	358/147	
	4,344,090	8/10/82	Belisomi et al.	358/183	
	4,361,848	11/30/82	Poignet et al.	358/1	
	4,374,395	2/15/83	Herrmann et al.	358/22	
	4,405,946	9/20/83	Knight	358/192.1	
	4,412,244	10/25/83	Shanley, II	358/22	
	4,413,281	11/1/83	Thonnart	358/147	
	4,420,769	12/13/83	Novak	358/139	

Examiner	Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,430,669	2/7/84	Cheung	358/122	
	4,449,249	5/15/84	Price	455/45	
	4,450,442	5/22/84	Tanaka	340/814	
	4,456,925	6/26/84	Skerlos et al.	358/85	
	4,477,830	10/16/84	Lindman et al.	358/1	
	4,495,654	1/22/85	Deiss	455/151	
	4,496,171	1/29/85	Cherry	283/61	
	4,496,976	1/29/85	Swanson et al.	358/147	
	4,498,098	2/5/85	Stell	358/22	
	4,550,407	10/29/85	Couasnon et al.	371/29	
	4,566,034	1/21/86	Harger et al.	358/194.1	
	4,595,951	6/17/86	Filliman	358/147	
	4,614,972	9/30/86	Motsch et al.	358/147	
	4,616,262	10/7/86	Toriumi et al.	358/183	
	4,620,227	10/28/86	Levin et al.	358/147	
	4,620,229	10/28/86	Amano et al.	358/194.1	
	4,626,909	12/2/86	Oniki et al.	358/114	
	4,639,890	1/27/87	Heilveil et al.	364/900	

Examiner	Date Considered
----------	-----------------

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,663,735	5/5/87	Novak et al.	364/900	
	4,688,197	8/18/87	Novak et al.	365/230	
	4,691,351	9/1/87	Hayashi et al.	380/10	
	4,710,800	12/1/87	Fearing et al.	358/22	9/16/85
	4,720,819	1/19/88	Pinkham et al.	365/219	12/30/83
	4,745,549	5/17/88	Hashimoto	364/402	6/6/86
	4,747,081	5/24/88	Heilveil et al.	365/219	12/30/83
	4,768,144	8/30/88	Winter et al.	364/200	10/20/86
	4,768,228	8/30/88	Clupper et al.	380/20	9/11/87***
	4,829,569	5/9/89	Seth-Smith et al.	380/10	7/8/86
	4,885,775	12/5/89	Lucas	380/10	9/21/84
	5,163,024	11/10/92	Heilveil et al.	365/219	5/9/90***
	Re. 31,977	8/27/85	Ott	364/200	
	Re. 32,187	6/17/86	Barda et al.	340/706	

* - If pertinent

*** - Claims priority from patent application filed prior to Sept. 11, 1987

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation	
					Yes	No
	60-61935	4/9/85	Japan	G11B15/02	abs.	
	61-50470	3/12/86	Japan	H04N 5/44	abs.	
	0 133 985	3/13/85	European Patent Office	H 04 N 7/087	abs.	
	1,066,931	4/26/67	Great Britain	G 07c		No

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Gecsei, Jan. <u>The Architecture of Videotex Systems</u> (Englewood Cliffs, N.J.: Prentice-Hall, Inc., 1983), pp. 174-177, 233-238.
	Sigel, Efrem et al. <u>The Future of Videotext: Worldwide Prospects for Home/Office Electronic Information Services</u> (White Plains, N.Y.: Knowledge Industry Publications, Inc., 1983), pp. 28, 119-126.
	Raggett, Michael. "Broadcast Telesoftware," <u>Computer Graphics World</u> , Vol. 6, No. 9, September 1983, table of contents, pp. 49, 50, 52 and letters.
	Tydeman, John et al. <u>Teletex and Videotex in the United States: Market Potential, Technology, Public Policy Issues</u> , Institute for the Future (New York: McGraw-Hill Publications, 1982), pp. 4, 89-99, 122-169.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Telesoftware and Education Project: Summary of Report," A Joint BBC/ITV & Brighton Research Project, Summer 1982, 111 p. and appendix.
	Damouny, N.G. "Teletext Decoders - Keeping Up with the Latest Technology Advances," <u>Consumer Electronics</u> , Vol. CE-30, No. 3, August 1984, pp. 429-436.
	Nishimoto, Naomichi et al. "VHS VCR with Index and Address Search Systems," <u>Consumer Electronics</u> , Vol. CE-33, No. 3 August 1987, pp. 220-225.
	Weissman, Steven B. "Teletext in transactional videotex," <u>Electronic Publishing Review</u> , Vol. 2, No. 4, 1982, pp. 301-304.
	Crowther, G.O. "Teletext Enhancements - Levels 1, 2 and 3," <u>IBA Technical Review</u> , May 1983, pp. 11-16.
	McIntyre, Colin, "Broadcast teletext - who says it isn't interactive?" pp. 1-12 in: Anon. <u>Videotex-key to the information revolution</u> (Online Publications Ltd., 1982).
	Veith, Richard H., "Television's Teletext," Elsevier Science Publishing, Inc., New York, 1983, pp. 9, 12, 17, 19, 32, 46-47, 136-137, 139.
	Alber, Antone F., "Videotex/Teletext, Principles and Practices," McGraw-Hill Book Company, pp. 37, 138-139, 142-147, 188-191.
	Russell, R.T. "Teletext remote control," part 1, <u>Wireless World</u> , April 1979, 4 pages.
	Russell, R.T. "Teletext remote control", part 2, <u>Wireless World</u> , May 1979, pp. 83-86.
	Pandey, K. "Second generation teletext and viewdata decoders," <u>Proceedings IEE</u> , Vol. 126, December 1979, pp. 1367-1373.
	Hedger, J. et al. "Telesoftware: adding intelligence to teletext," <u>Proceedings IEE</u> , Vol. 126, December 1979, pp. 1412-1416

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Sigel, Efrem et al. <u>Videotext: The Coming Revolution in Home/Office Information Retrieval</u> , (White Plains, NY: Knowledge Industry Publications, Inc., 1980), pp. 6, 7, 13, 28, 33, 34, 36, 37.
	Roizen, Joseph. "Teletext in the USA," <u>SMPTE Journal</u> , Vol. 90, July 1981, pp. 602-610.
	Money, Steve A. <u>Teletext and Viewdata</u> (London: Butterworth & Co., Ltd., 1981), preface, pp. 1-145, glossary and index.
	Risher, Carol A. "Electronic Media and the Publishers, Part 1: Teletext," <u>Videodisc Videotex</u> , Vol. 1, No. 3, Summer 1981, pp. 162-167.
	Chew, J.R. "CEEFAX: evolution and potential," BBC Research Department Report No. BBC RD 1977/26, August 1977, table of contents, pp. 1-14 and appendix.
	Hedger, John. "Telesoftware: Home computing via teletext," <u>Wireless World</u> , November 1978, pp. 61-64.
	Anon. <u>VIDEOTEX '81</u> , International Conference & Exhibition, May 20-22, 1981, Toronto, Canada (Northwood Hills, UK: Online Conferences, Ltd; 1981), pp. 78-84.
	Winsbury, Rex, ed. <u>Viewdata in Action: A Comparative Study of Prestel</u> (London: McGraw-Hill, Ltd., 1981), pp. 10-12, 31, 35, 36, 57-61, 102, 103, 109, 202-204, 211-219.
	"Colloquium on Broadcast and Wired Teletext Systems - Ceefax, Oracle, Viewdata," Tuesday, 13 January 1976, IEE Electronics Division, Professional Group E14 (Television and Sound), Digest No. 1976/3.
	Anon. "Updating databases by off-peak TV," <u>New Scientist</u> , 21 October 1976, p. 162.
	Marti, Bernard. "New Ancillary Services Using a Television Channel," <u>SMPTE Journal</u> , Vol. 86, November 1977, pp. 815, 817, 818.

Examiner	Date Considered
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

Information Disclosure Statement by Applicant	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Title: Signal Processing Apparatus and Method	
	Filing Date June 7, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Biggs, A.J. et al. "Broadcast data in television," <u>GEC Journal of Science and Technology</u> , Vol. 41, No. 4, 1974, pp. 117-124.
	Heuer, D.A. "A Microprocessor Controlled Memory Tuning System," <u>Consumer Electronics</u> , Vol. CE-25, No. 4, August 1979, pp. 677-683.
	Marti, Bernard et al. "ANTIOPE, service de télétex," journal unk., pp. 17-22.
	Lipoff, Stuart J. "Mass Market Potential for Home Terminals," <u>Consumer Electronics</u> , vol. unk., pp. 169-184.
	Crowther, G.O., "Adaptation of U.K. Teletext System for 525/60 Operation," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, Aug. 1980, pp. 587-599.
	Gosch, John, "Code accompanying TV program turns on video cassette recorder in proposed scheme," <u>Electronics</u> , Feb. 10, 1981, pp. 80-82.
	Somers, Eric, "Appropriate Technology for Text Broadcasting," <u>Viewdata and Videotext, 1980-81: A Worldwide Report</u> , Transcript of viewdata '80, first world conference on viewdata, videotex, and teletext, Knowledge Industry Publications, Inc., White Plains, New York, Copyright 1980 by Online Conferences, Ltd., pp. 499-514.
	Dages, Charles L., "Playable: A Technological Alternative for Information Services," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, Aug. 1980, pp. 482-486.
	Norris, Bryan L. et al., "Teletext Data Decoding," <u>IEEE Transactions on Consumer Electronics</u> , Aug. 1976, pp. 248-253.
	Kokado, N. et al., "A Programmable TV Receiver," <u>IEEE Transactions on Consumer Electronics</u> , Vol. 22, No. 1, Feb. 1976, pp. 69-83.

Examiner /Kevin Bates/	Date Considered 06/09/2010
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./